

[0170] As mentioned above, by constructing the kiosk for resource distribution 10 from a number of modules 1000, it is easily adaptable to different scenarios. Depending on the scenario, one may select modules 1000 so that they best leverage available resources or best suit the local area. For example, in a scenario where ample solar energy is available, a power module 1600 which runs off solar power may be easily substituted for a power module 1600 running off a fuel requiring element 102 without needing to redesign the entire kiosk for resource distribution 10. Additionally, as shown in FIG. 19, this helps to optimally utilize the interior space of the structure module 1500. Without requiring redesigning the entire kiosk for resource distribution 10 the space occupied by the power module 1600 in FIGS. 16-18 may be easily filled by any other module 1000. In the example embodiment in FIG. 19, a larger store module 1900 is used to fill the extra space.

[0171] Referring now also to FIG. 20, an embodiment of the kiosk for resource distribution 10 shown exploded apart in FIG. 19. As shown, in some embodiments, the power module 1600 may include a number of solar panels 702 which are disposed on the roof of the awning module 1700. The space created by swapping the power module 1600 with a fuel requiring element 102 for a power module 1600, which utilizes solar energy, may be used by a much larger store module 1900 than the embodiment shown in FIGS. 16-18. As shown, the store module 1900 in FIG. 20 includes extra shelving/displays 198. The store module 1900 in FIG. 20 also includes a number of storage areas 100. Additionally, the store module 1900 includes a charging station 800.

[0172] Referring now also to FIG. 21 an example of a kiosk for resource distribution 10 where the structure module 1500 is a 10x8x8 foot shipping container is shown. As shown, some embodiments of the kiosk for resource distribution 10 include a refrigeration module 1300, a store module 1900, a communication module 1800. Some embodiments may include a radiator 224, and/or at least one oven 190 and/or at least one product water tank 144.

[0173] In contrast to the embodiments of water modules 1100 described above, the embodiment in FIG. 21 includes a single product water reservoir 144. Additionally, the product water reservoir 144 is located on the roof of the structure module 1500 to maximize space in the interior of the structure module 1500. Other embodiments of the kiosk for resource distribution 10 may include the product water reservoir 144 and/or product water reservoirs 144 on the roof of the structure module 1500 to maximize space in the interior of the structure module 1500.

[0174] Referring now also to FIG. 22 a top view of an embodiment of a kiosk for resource distribution 10 is shown. As shown, the top of the structure module 1500, radiator 224, product water reservoir 144, and satellite receiver 1802 of the communications module 1800 have been removed in FIG. 22 to allow a clear look at the interior of the structure module 1500 in FIG. 22. As shown, the refrigeration module 1300 and store module 1900 are sectioned off from the rest of the interior of the structure module by a first partitioning wall 101. Also as shown, the TV 300 of the communications module 1800 is located on a door 16 of the structure module 1500. The TV 300 is only viewable when the door 16 is swung open. When closed, the TV 300 is protected by the exterior of the structure module 1500, which in the example embodiment is steel.

[0175] Also as shown in FIG. 22, in some embodiments, the refrigeration module 1300 includes a medical refrigeration section 168. As shown, the medical refrigeration section 168 extends into the first partitioning wall 101 and is completely segregated from the rest of the refrigerator 160. In the embodiment shown in FIG. 22, the medical refrigeration section 168 is only accessible from the right side of the first partitioning wall 101. The rest of the refrigeration module 1300 is only accessible from the left side of the first partitioning wall 101. This helps to ensure that cross contamination may not occur.

[0176] In some embodiments, a battery bank module 1200 may also be included in the kiosk for resource distribution 10 shown in FIG. 22. As shown, the battery bank module 1200 may be placed against the right side of the first partitioning wall 101. As shown, the power module 1600 may include a fuel requiring element 102 which, in some embodiments and as shown in FIG. 22, may be a Stirling engine power generator. In some embodiments, the fuel requiring element 102 may be a different type of power generator. In some embodiments, the power module may not include a fuel requiring element 102. As shown, the power module 1600 may also include at least one oven 190. The oven 190 in some embodiments, projects out of the side of the structure module 1500 and may be heated by waste heat from the fuel requiring element 102 in the example embodiment.

[0177] The embodiment of a kiosk for resource distribution 10 in FIG. 22 also includes a water module 1100 as mentioned above. As shown, the water module 1100 may include a single water device which in the example embodiment is a water distillation device 122. Other embodiments of water modules 1100, such as but not limited to those described above, may include a single water device or two or more water devices. In some embodiments, the water module 1100 may include a single water device because the structure module 1500 is relatively small.

[0178] Referring now also to FIG. 23, shows a cross section taken at line 23-23 of the example kiosk for resource distribution 10 shown in FIG. 21 is shown. As shown, the source water reservoir 124 of the water module 1100 may be located under the floor 1111 of the water module 1100. In some embodiments, the floor 1111 of the water module 1100 may extend across the entire length of the kiosk for resource distribution 10. In some embodiments, a fuels storage tank 104 is located under the floor 1111.

[0179] Referring now also to FIG. 24, a front view of an embodiment of a kiosk for resource distribution 10 shown in. Some embodiments include a store module 1900 including shelving/displays 198 and a number of storage areas 100. In some embodiments, the refrigerator 160 of the refrigeration module 1300 may include a transparent front so that products in the refrigerator 160 may be viewed by potential customers. In some embodiments, a charging station 800 may also be included as a part of the store module 1900.

[0180] Referring now also to FIG. 25 another embodiment of a kiosk for resource distribution 10 is shown. Some embodiments of the kiosk for resource distribution 10 include a structure module 1500. In some embodiments, the structure module 1500 may be a 10x8x8 foot shipping container. A communication module 1800 and refrigeration module 1300 may also be included in some embodiments. The kiosk for resource distribution 10 may also include a power module 1600. The power module 1600 in some